

100

Figure 1

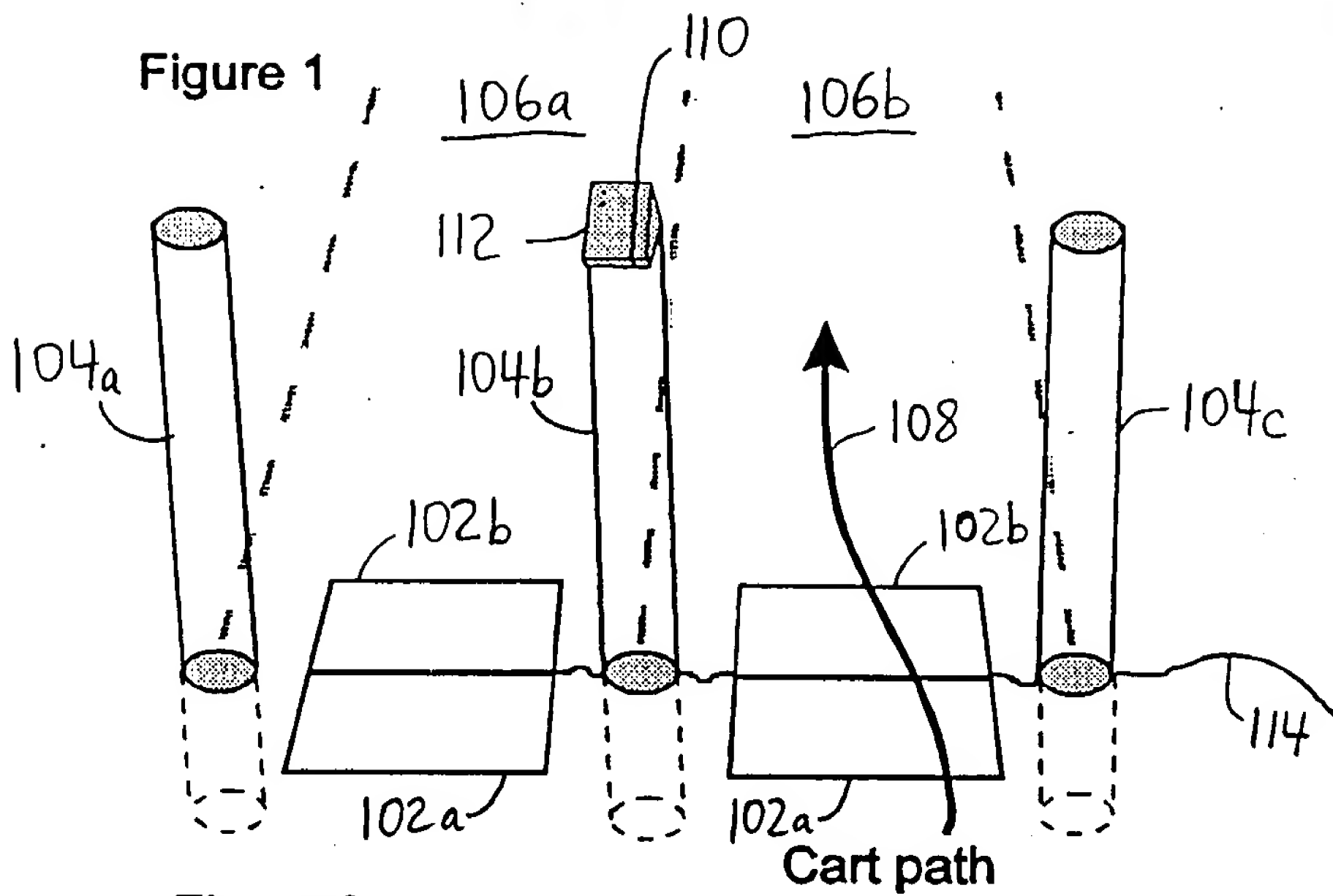


Figure 2

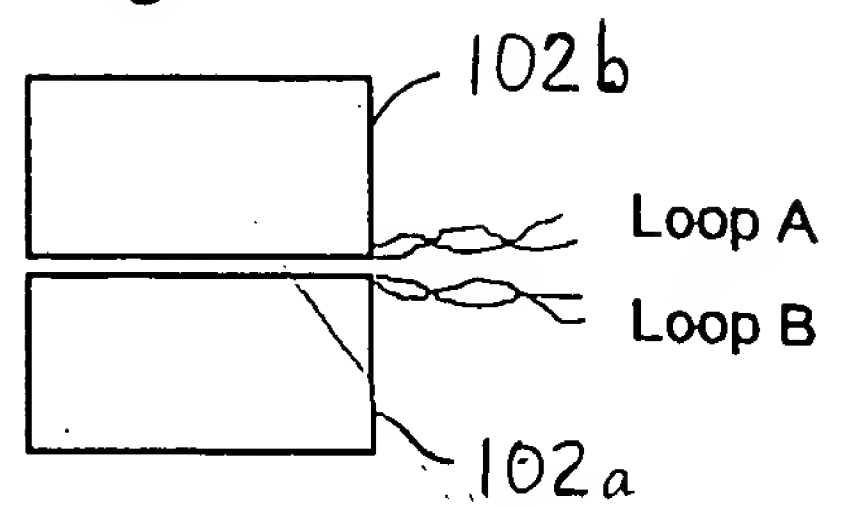


Figure 3

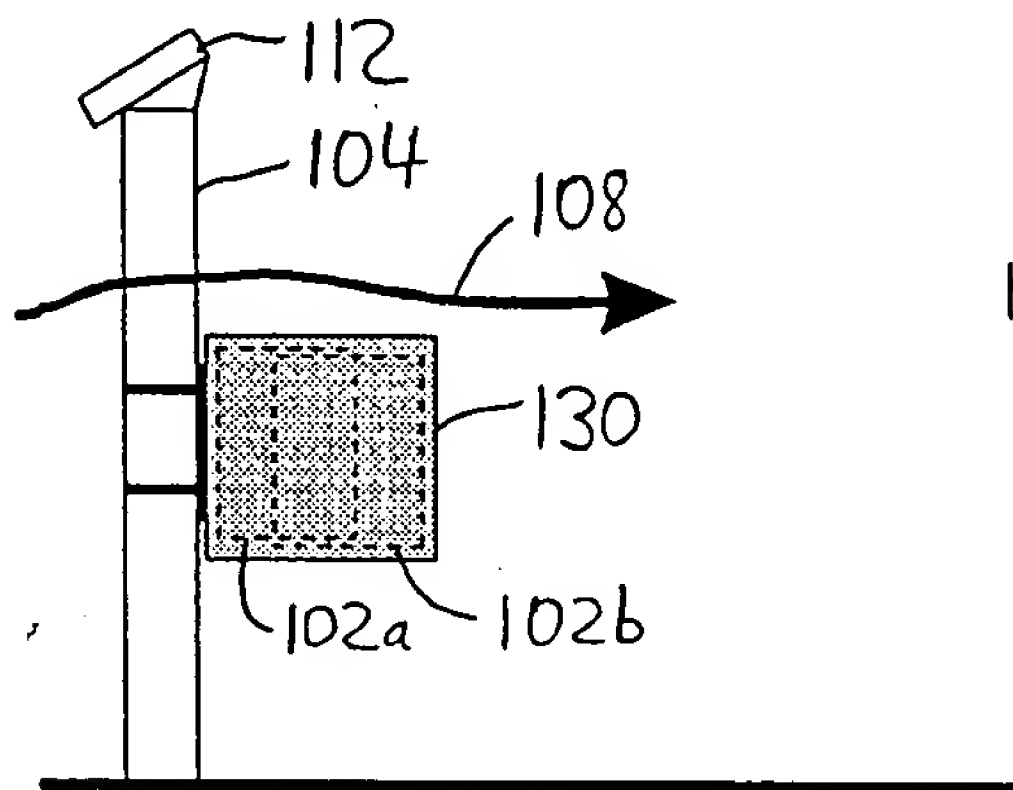


Figure 4

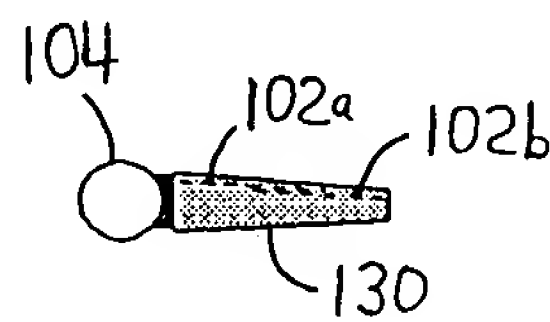


Figure 5

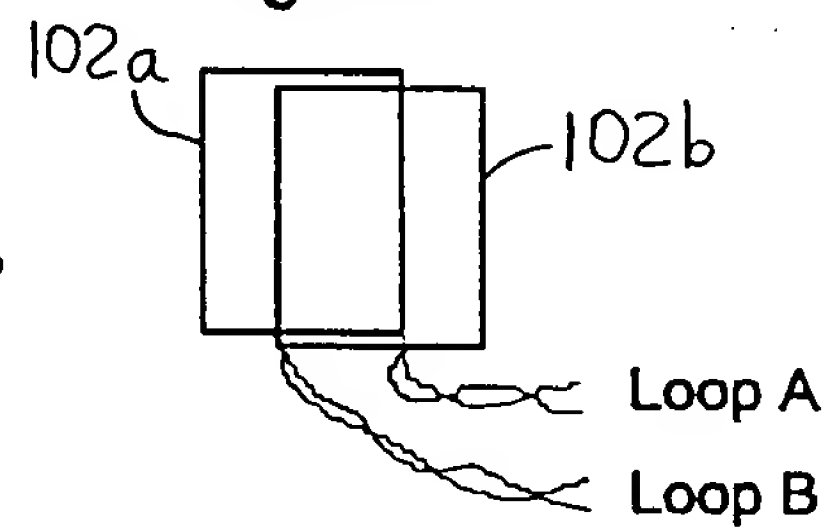


Figure 6

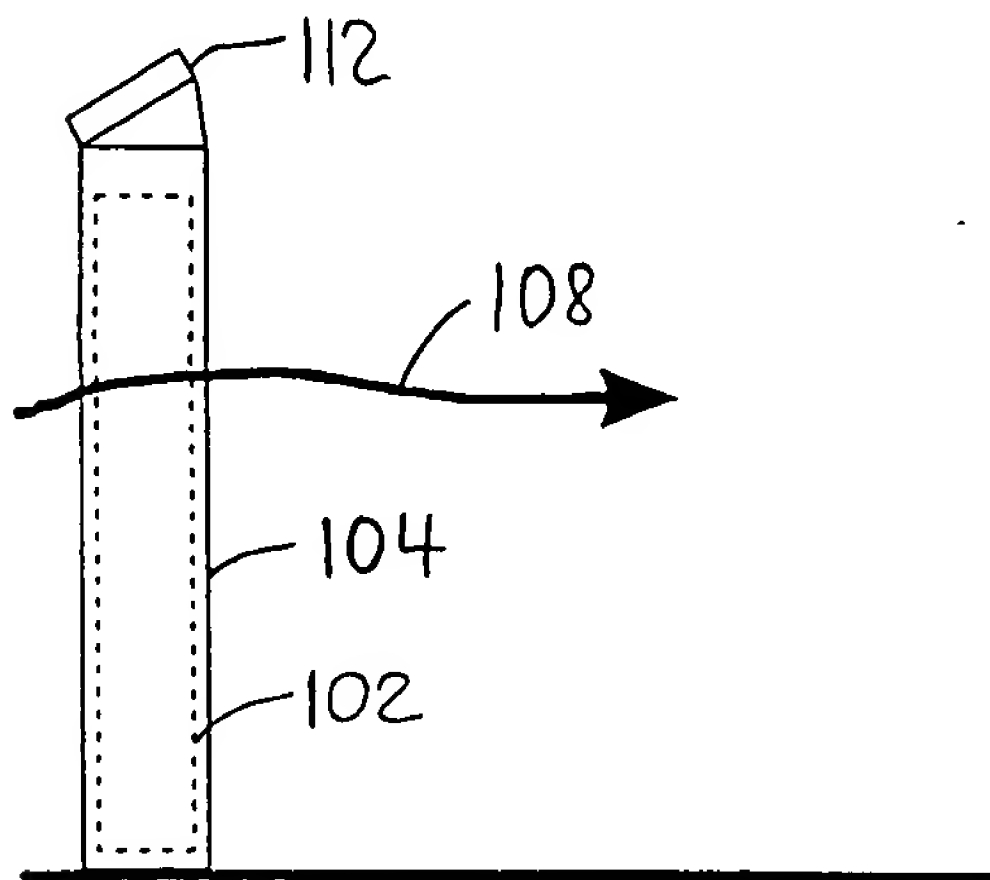


Figure 7

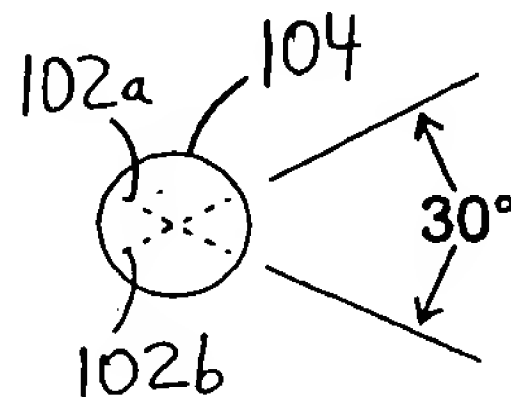


Figure 8

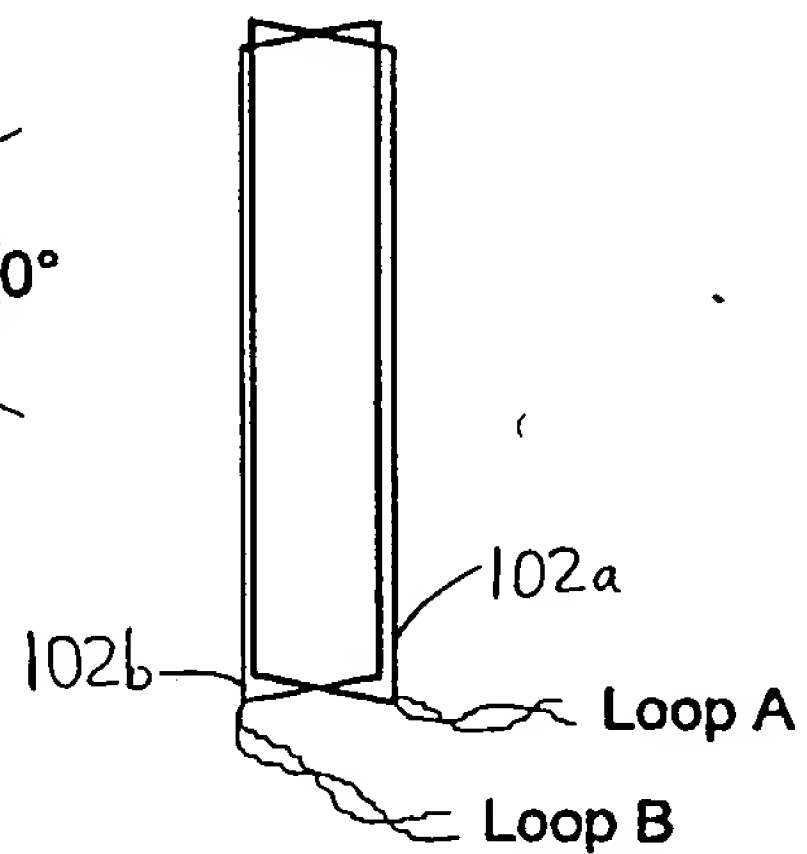


Figure 9

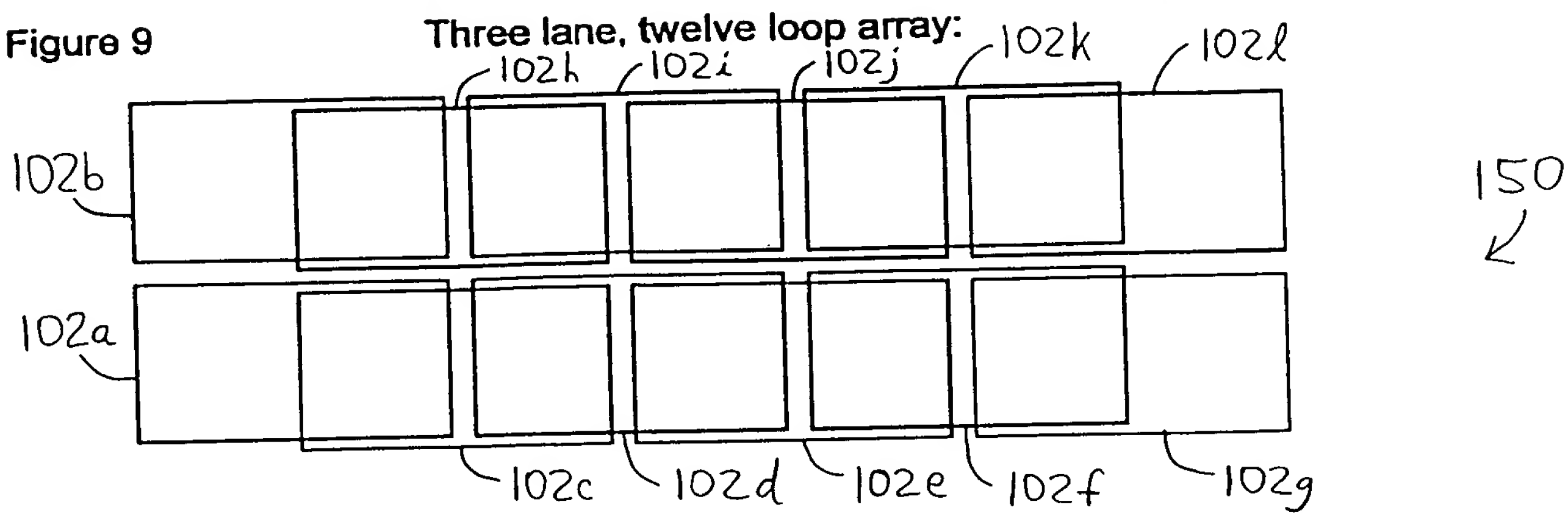


Figure 10

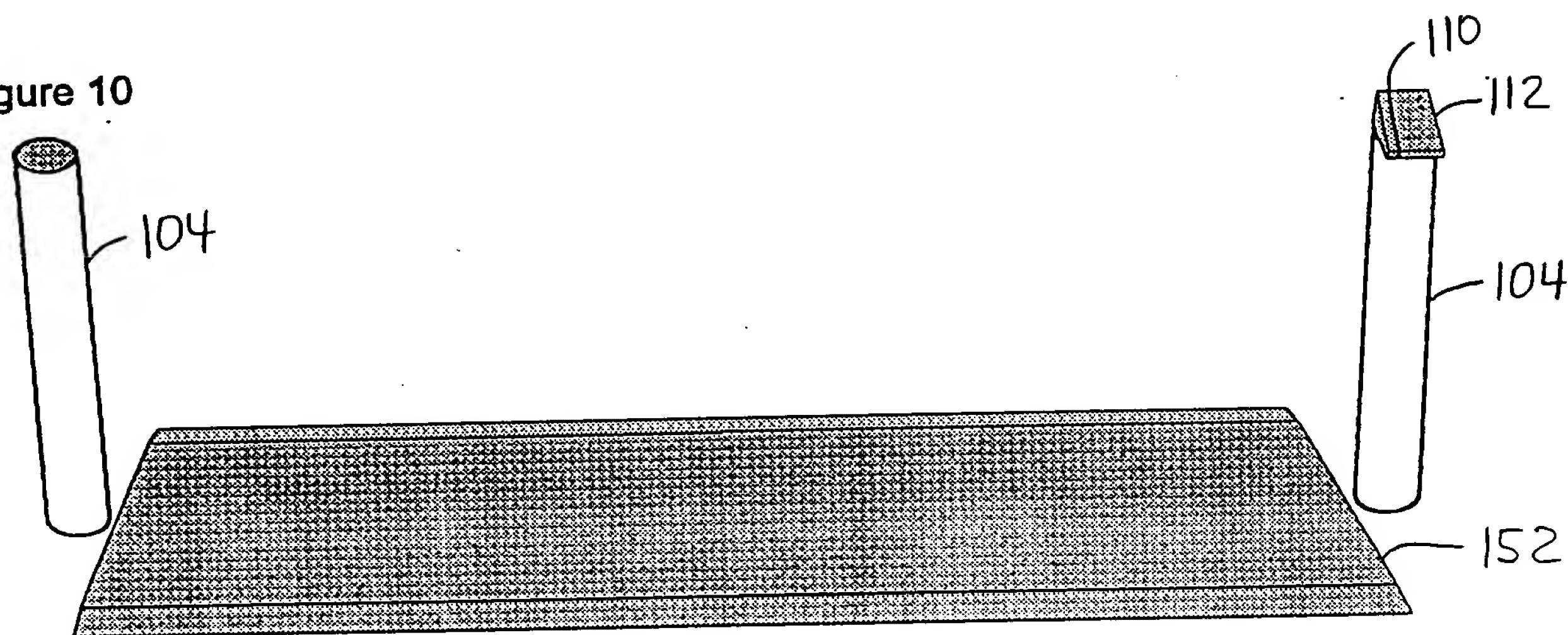


Figure 11

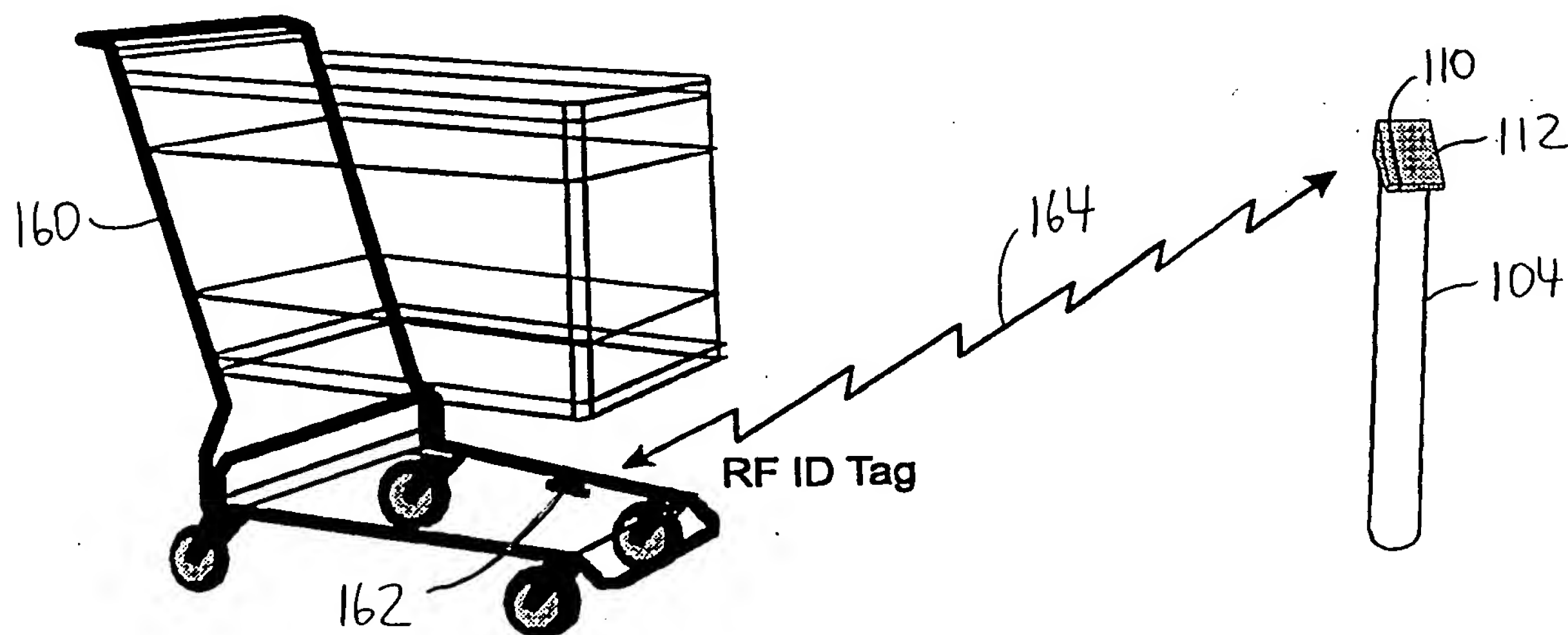


Figure 9

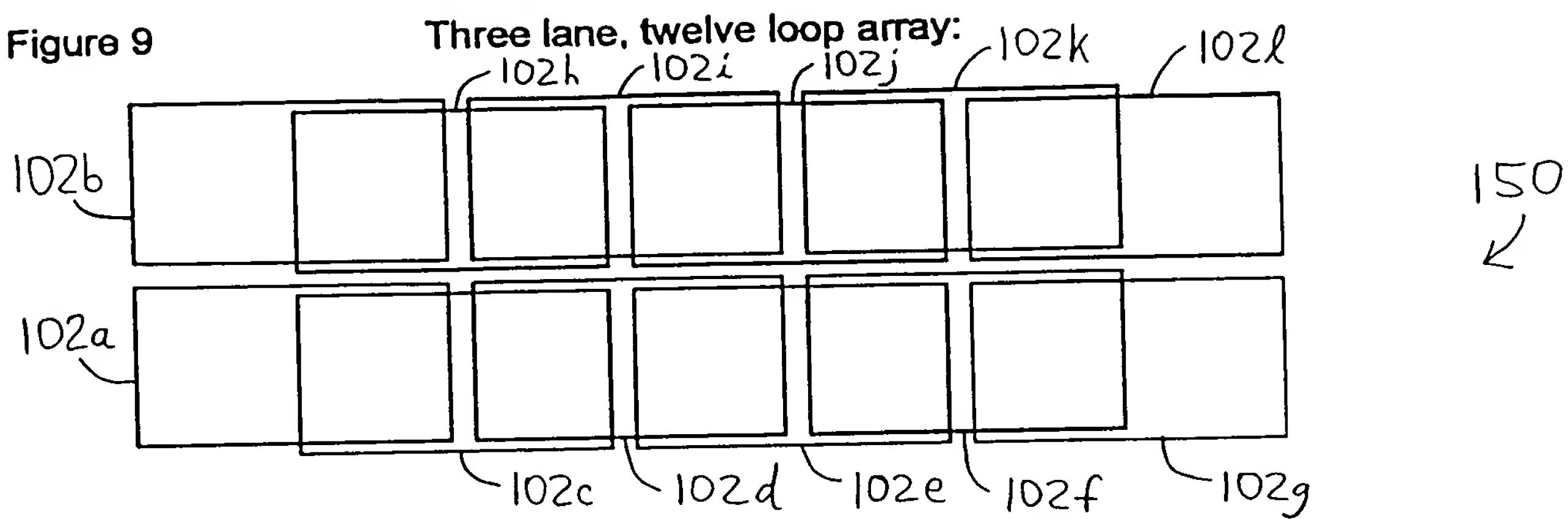


Figure 10

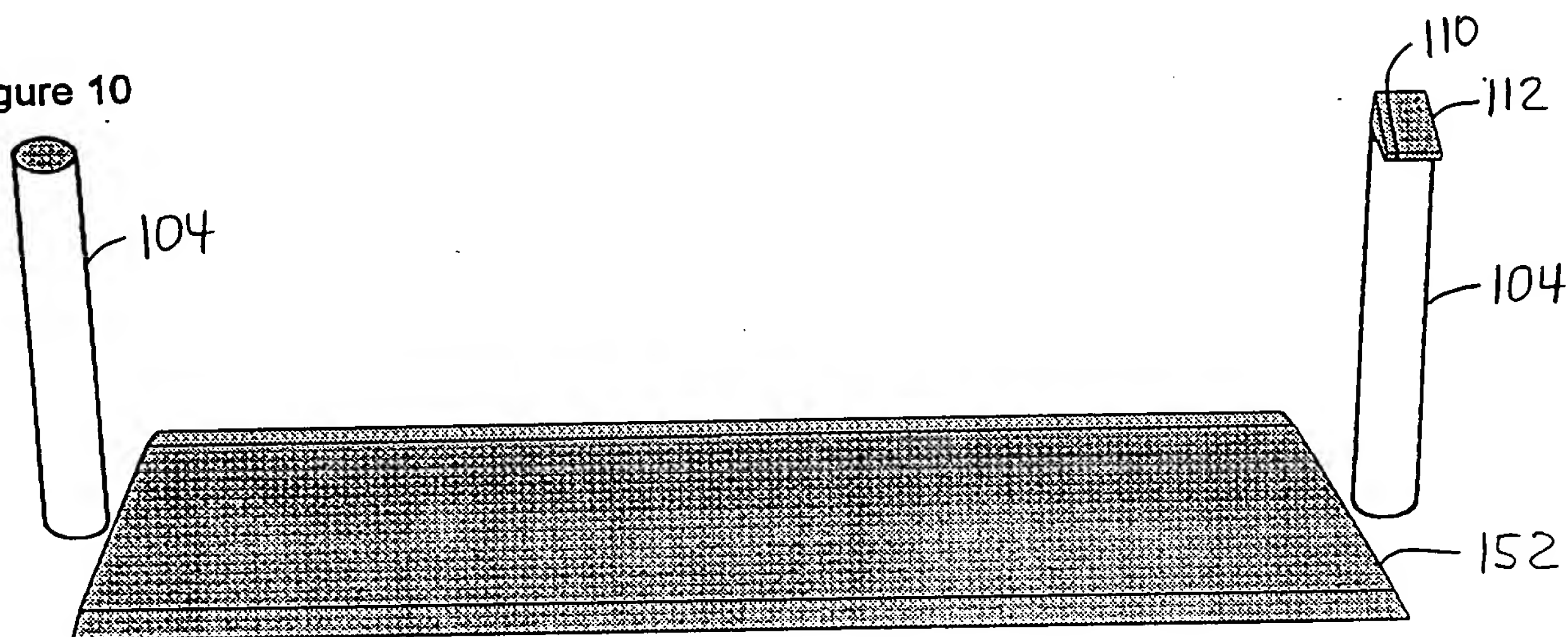


Figure 11

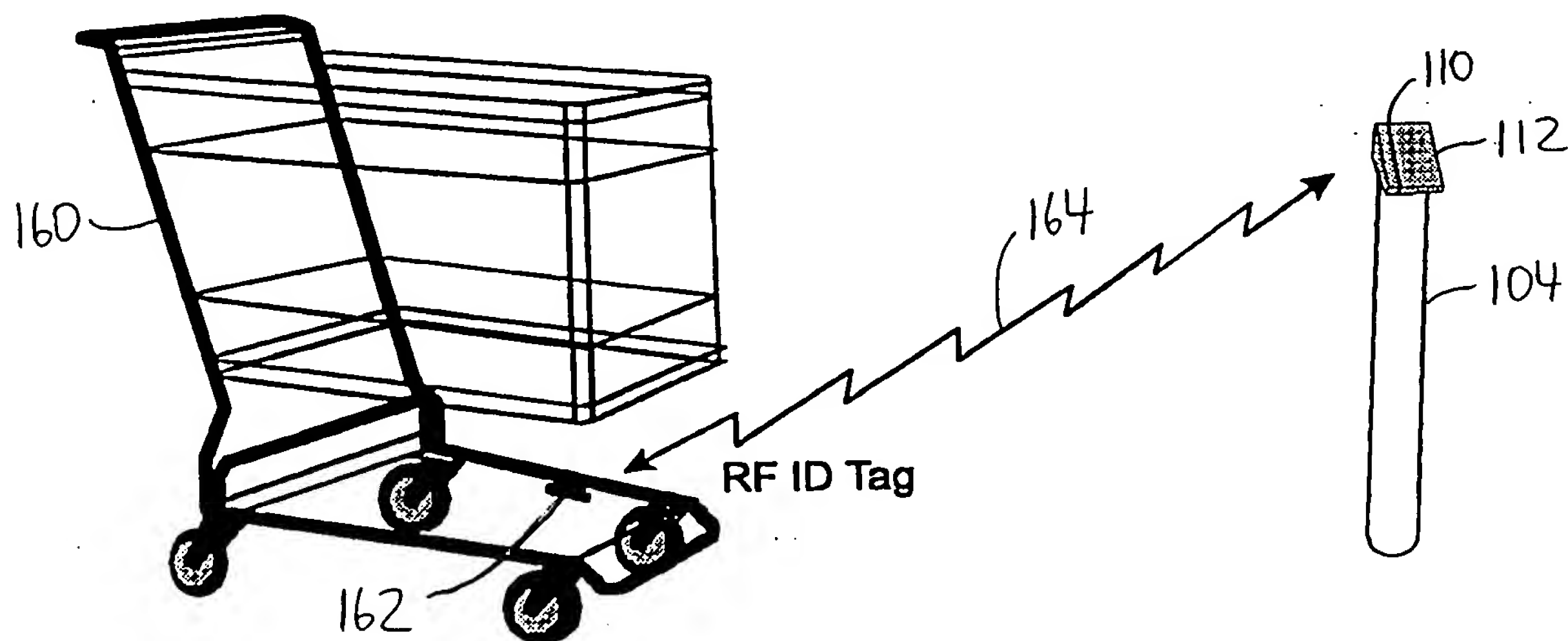


Figure 12 Cart Detector circuit

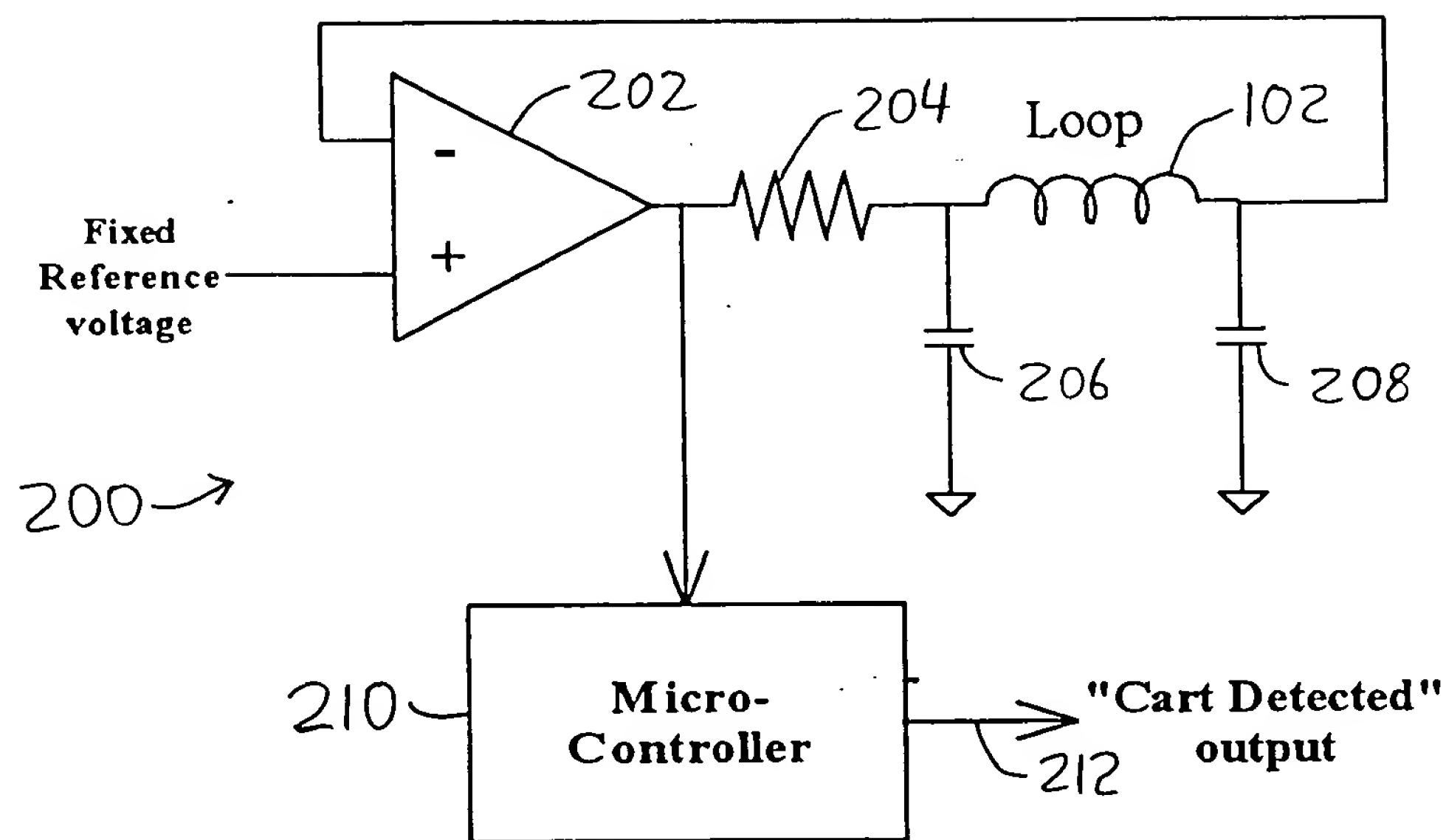
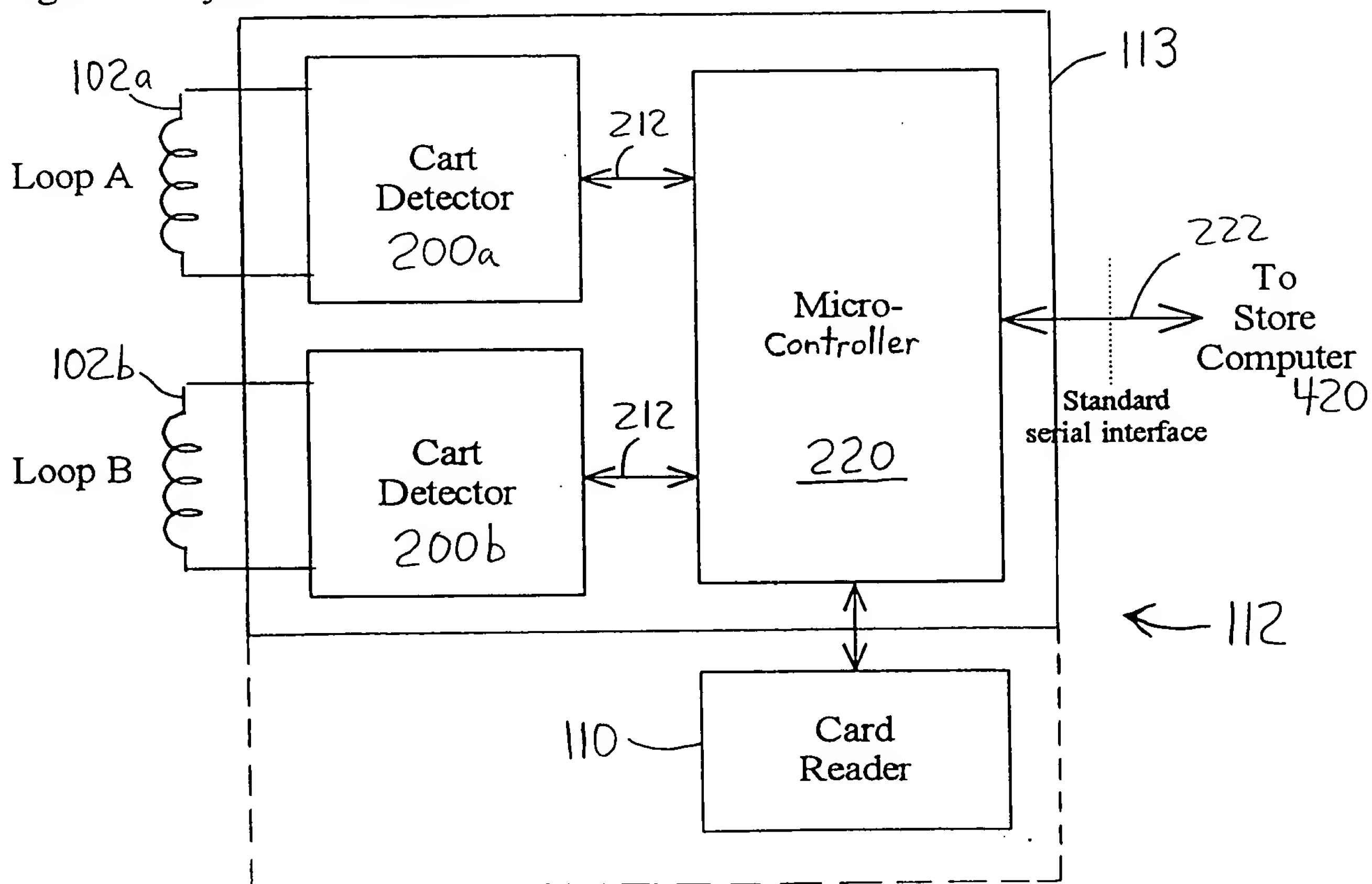


Figure 13 System Electronics



SYMBOLS
A AND B
REPRESENT
THE OUTPUTS
OF THE LOOP
DETECTORS.

A IS THE
FIRST LOOP
TO BE PASSED
BY A RETURNING
CART, B THE
SECOND.

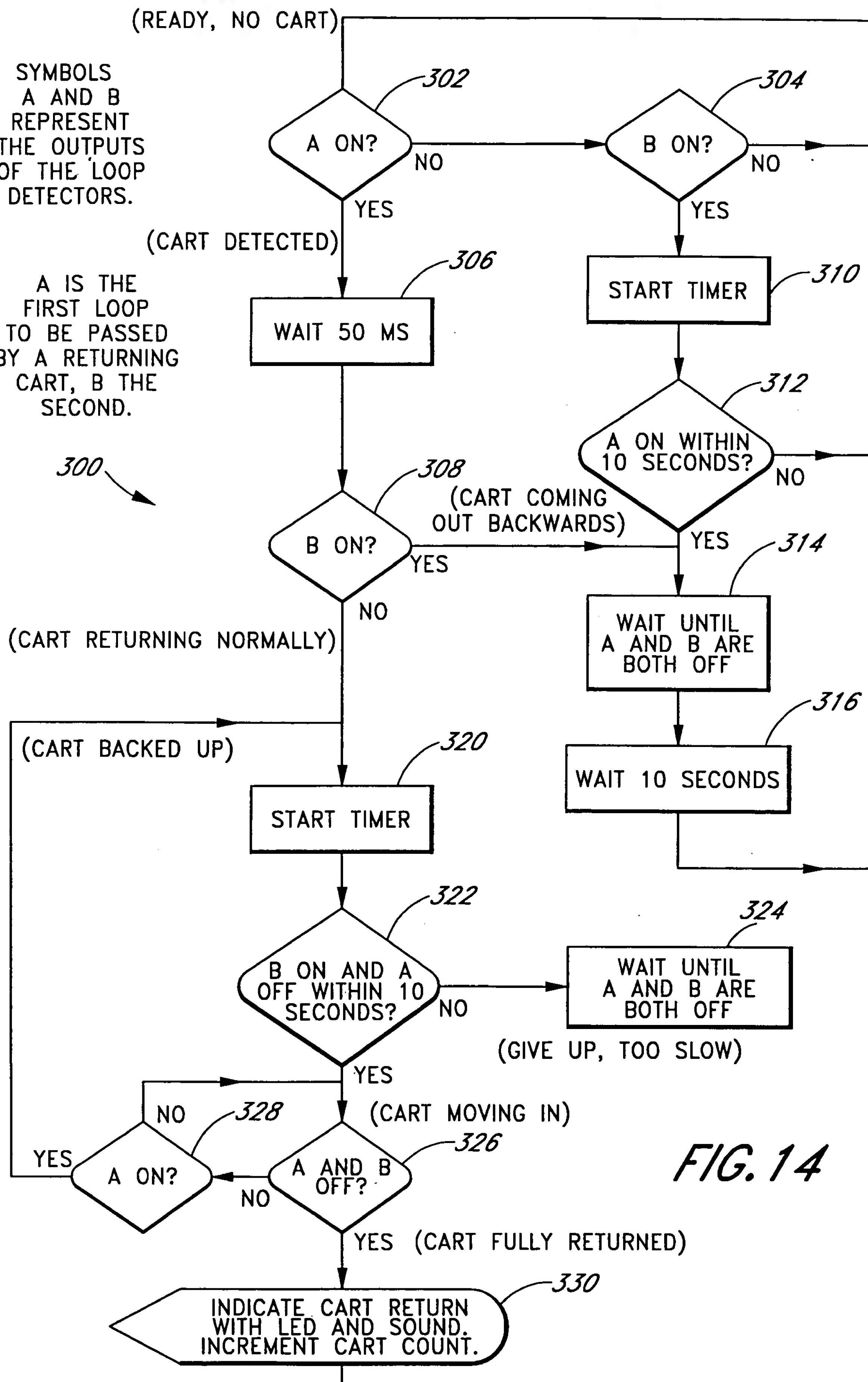


FIG. 14

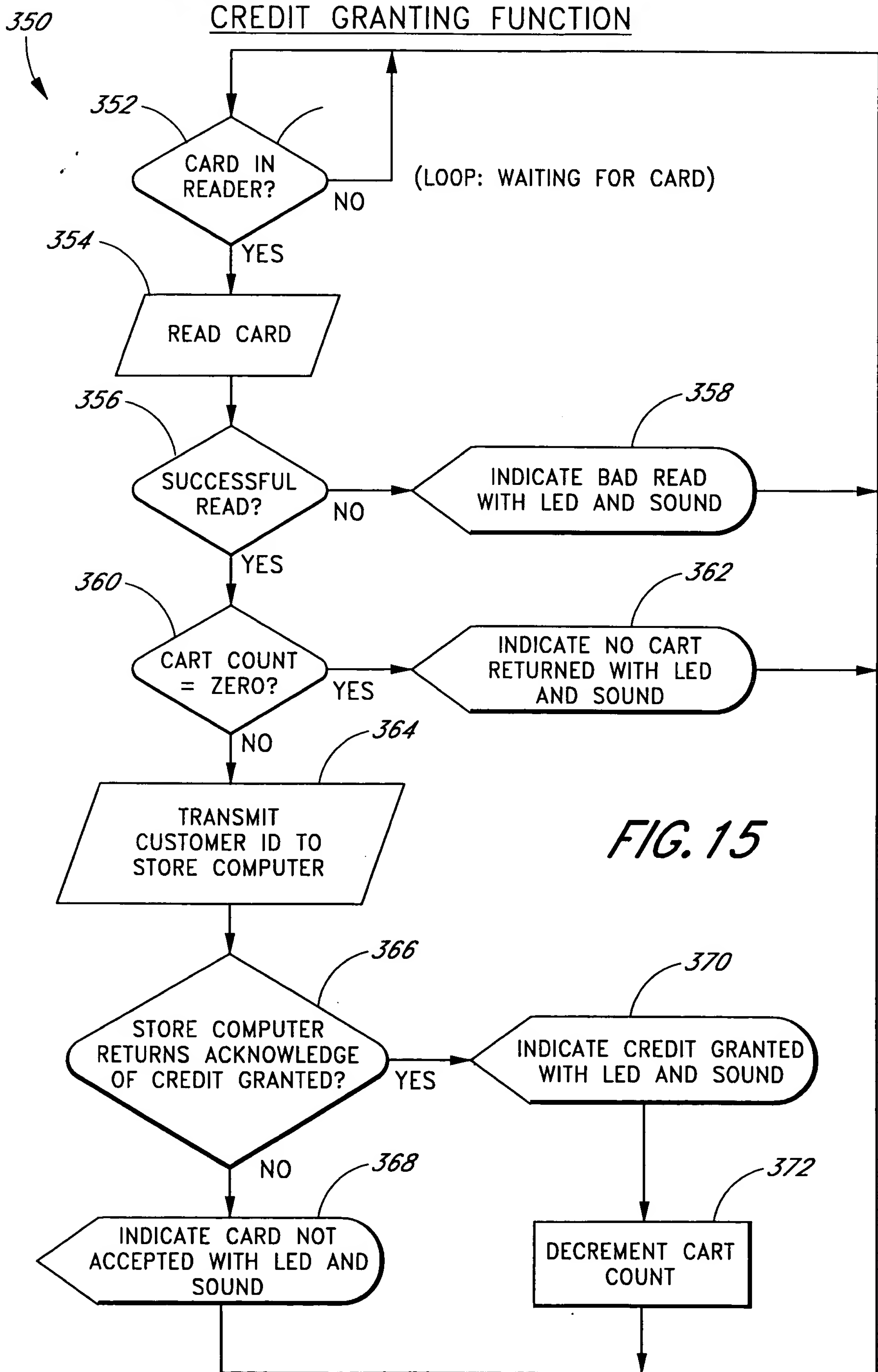


FIG. 15

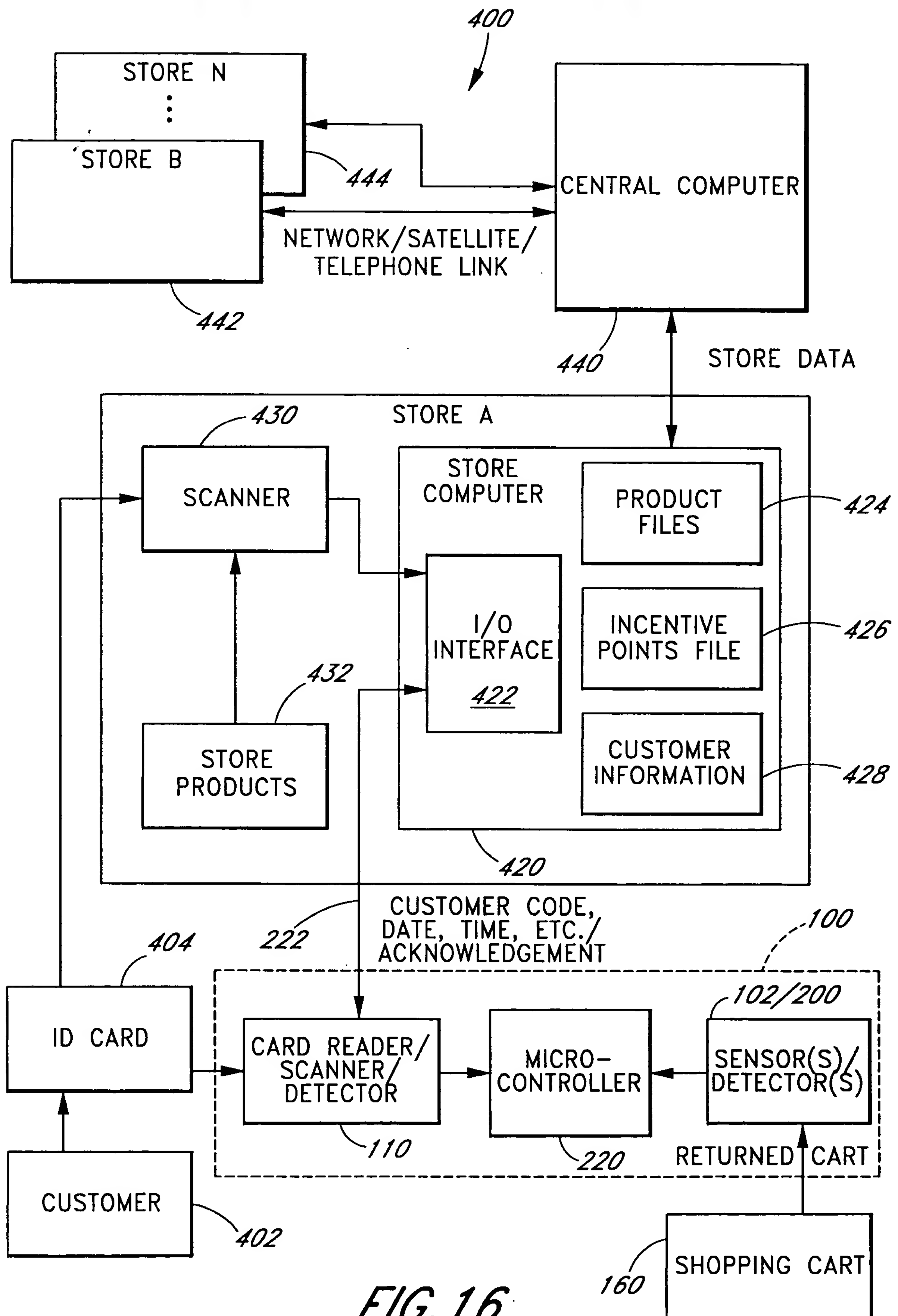


FIG. 16

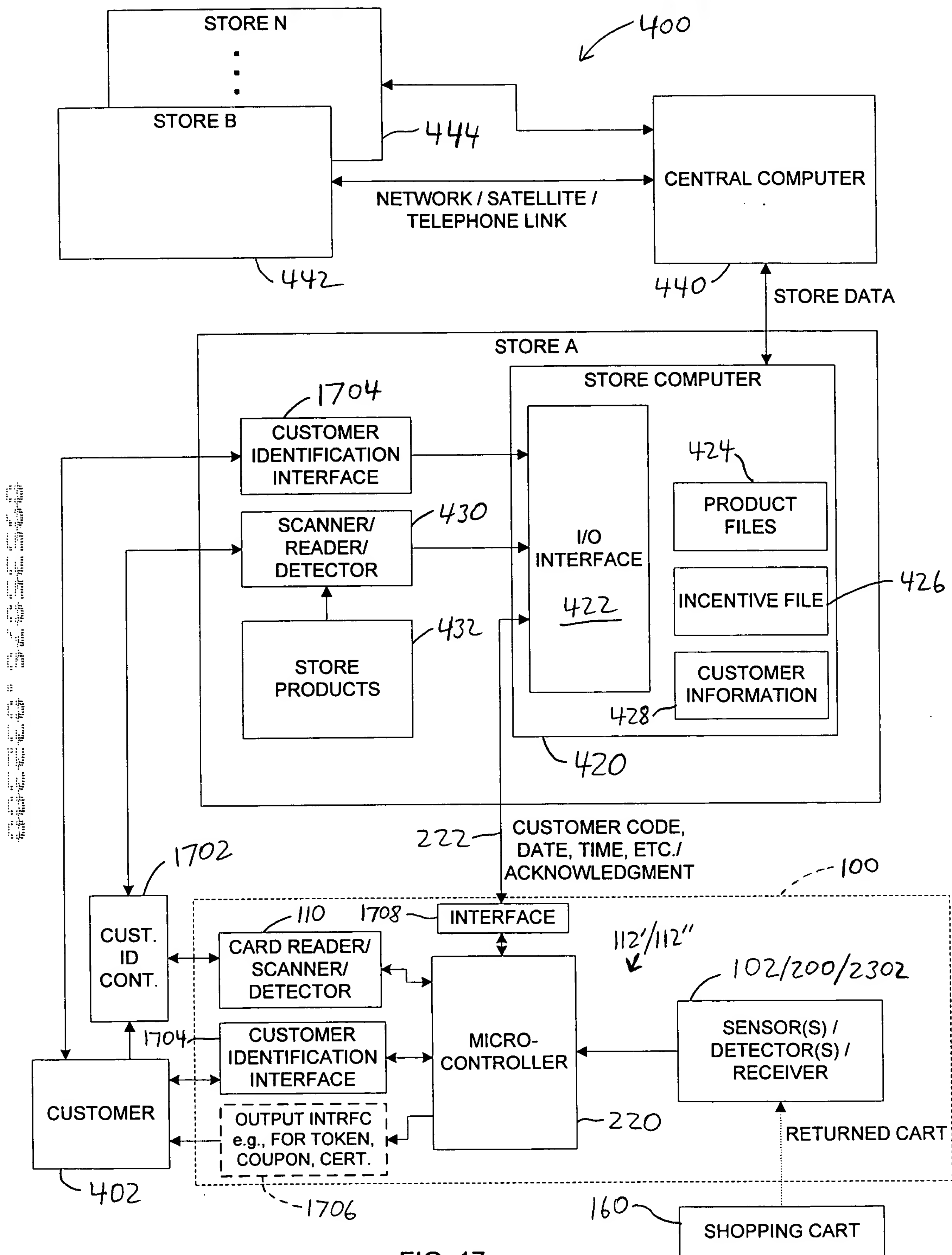


FIG. 17

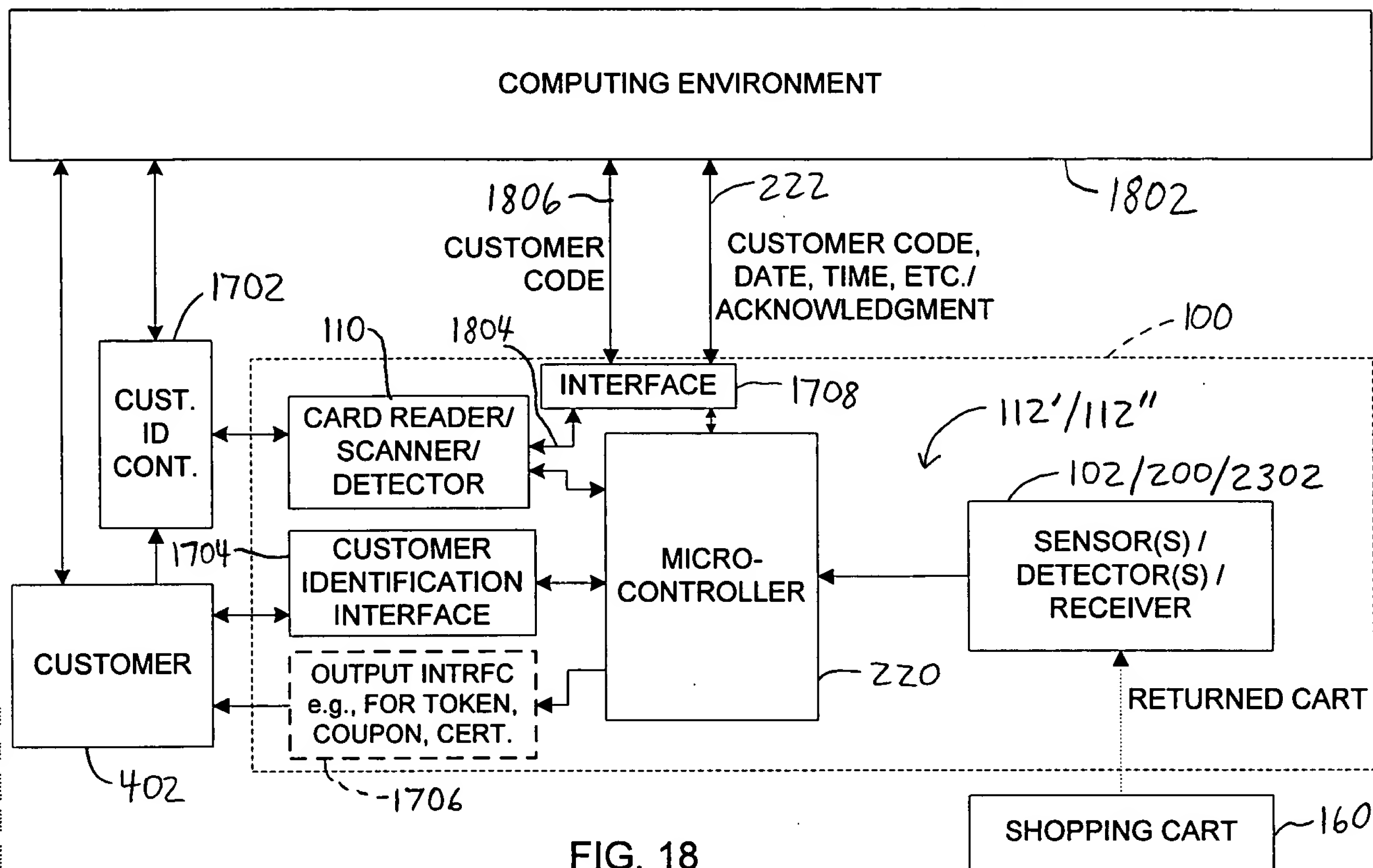


FIG. 18

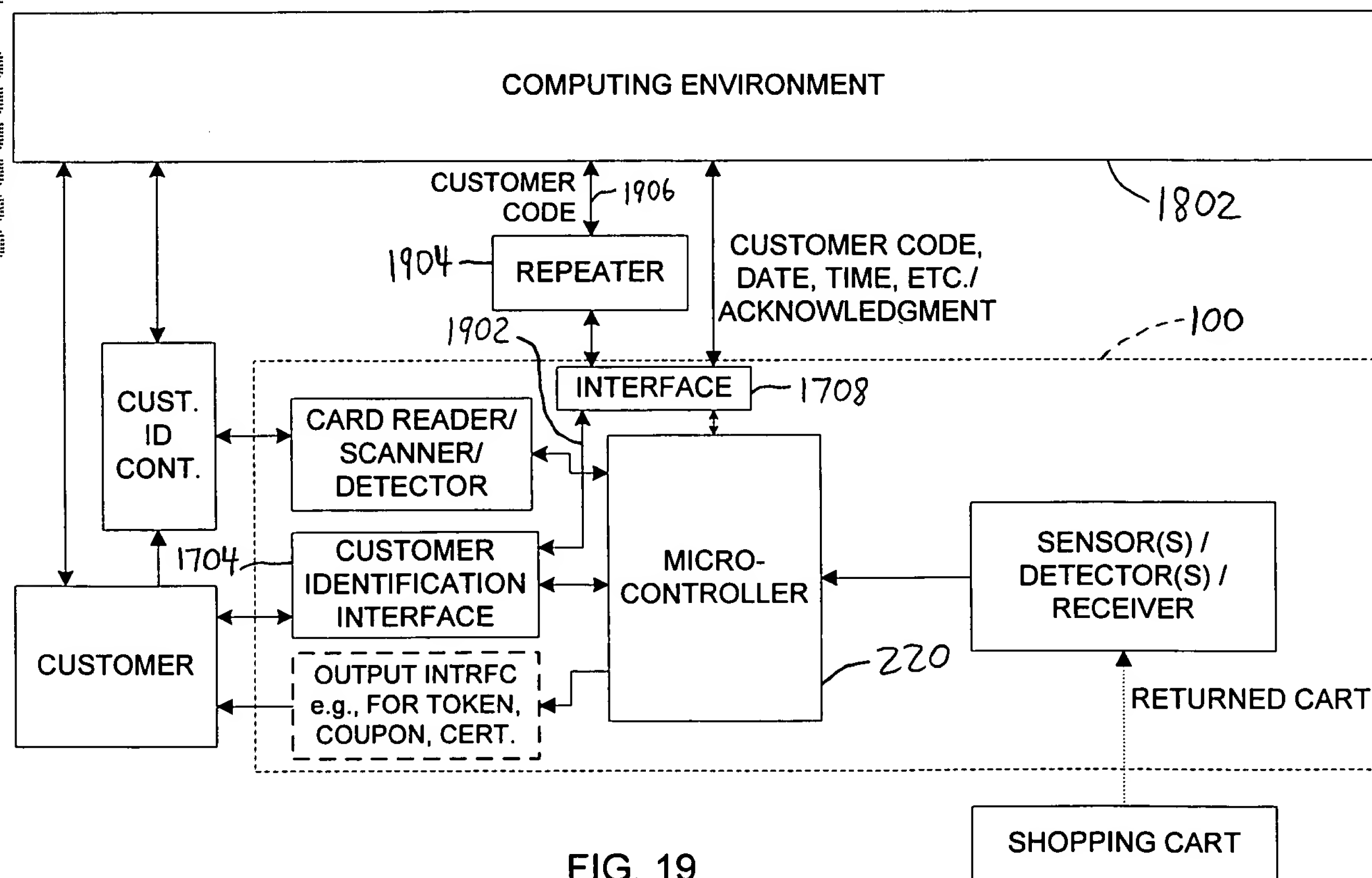


FIG. 19

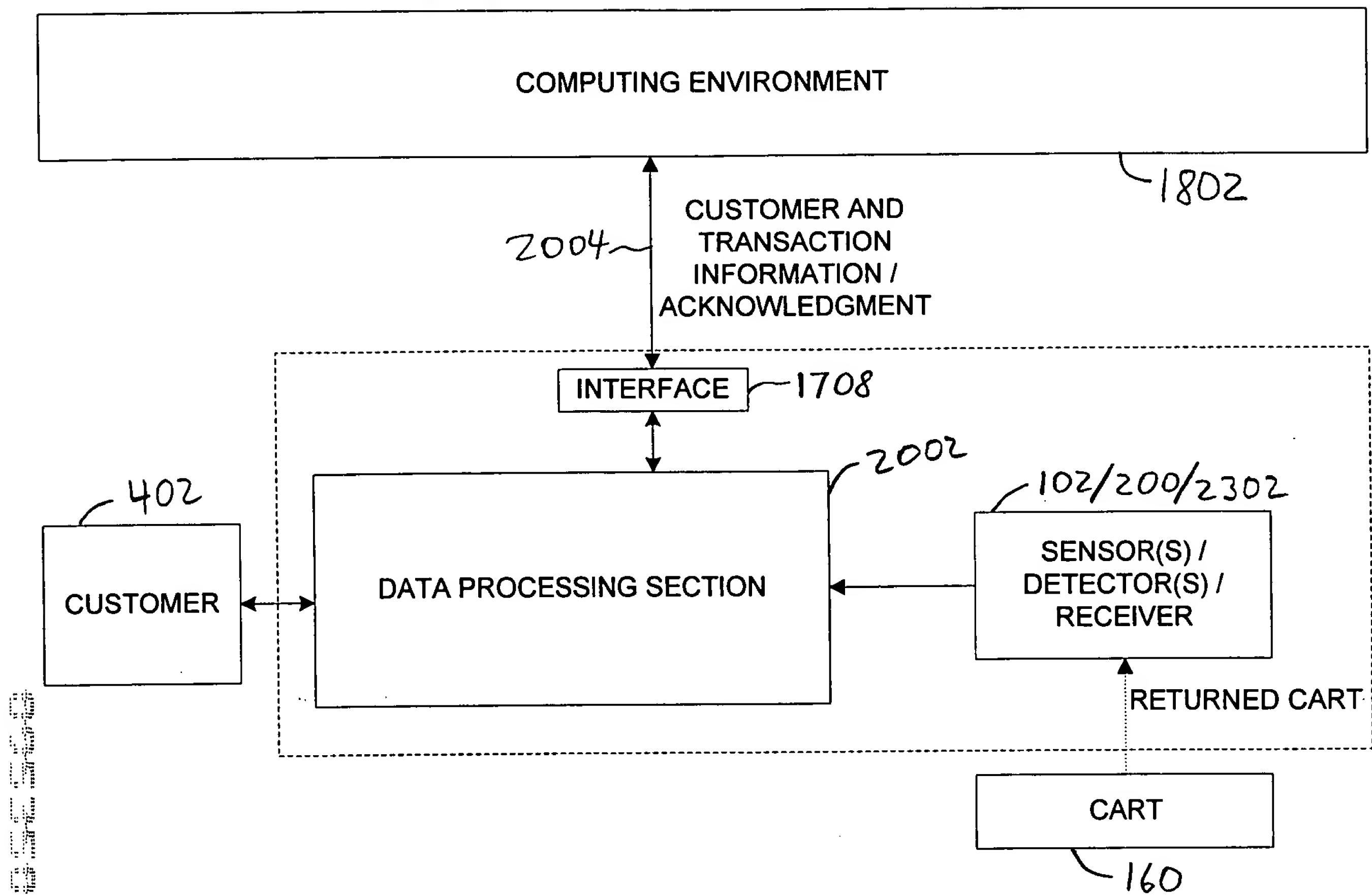


FIG. 20

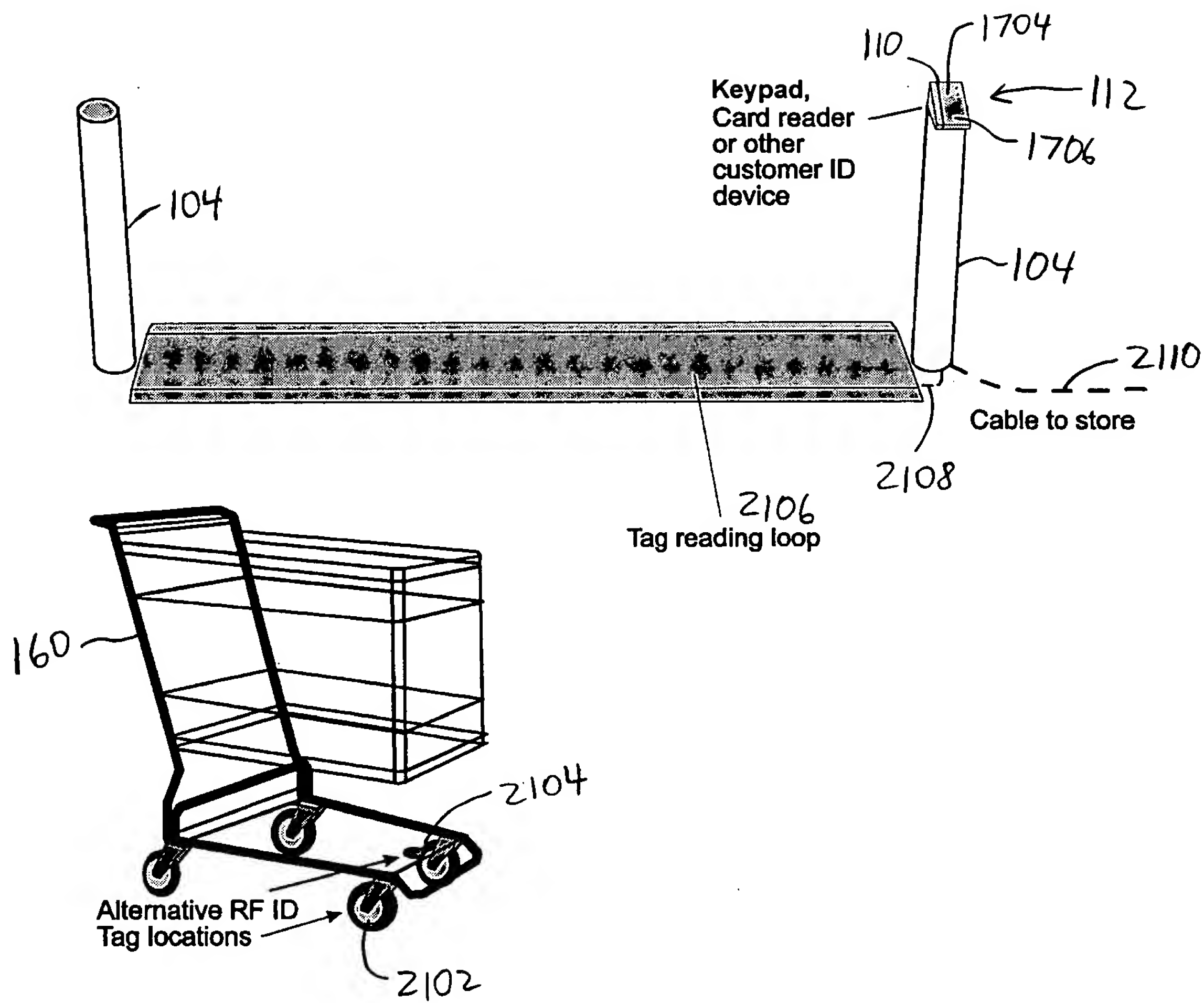


FIG. 21

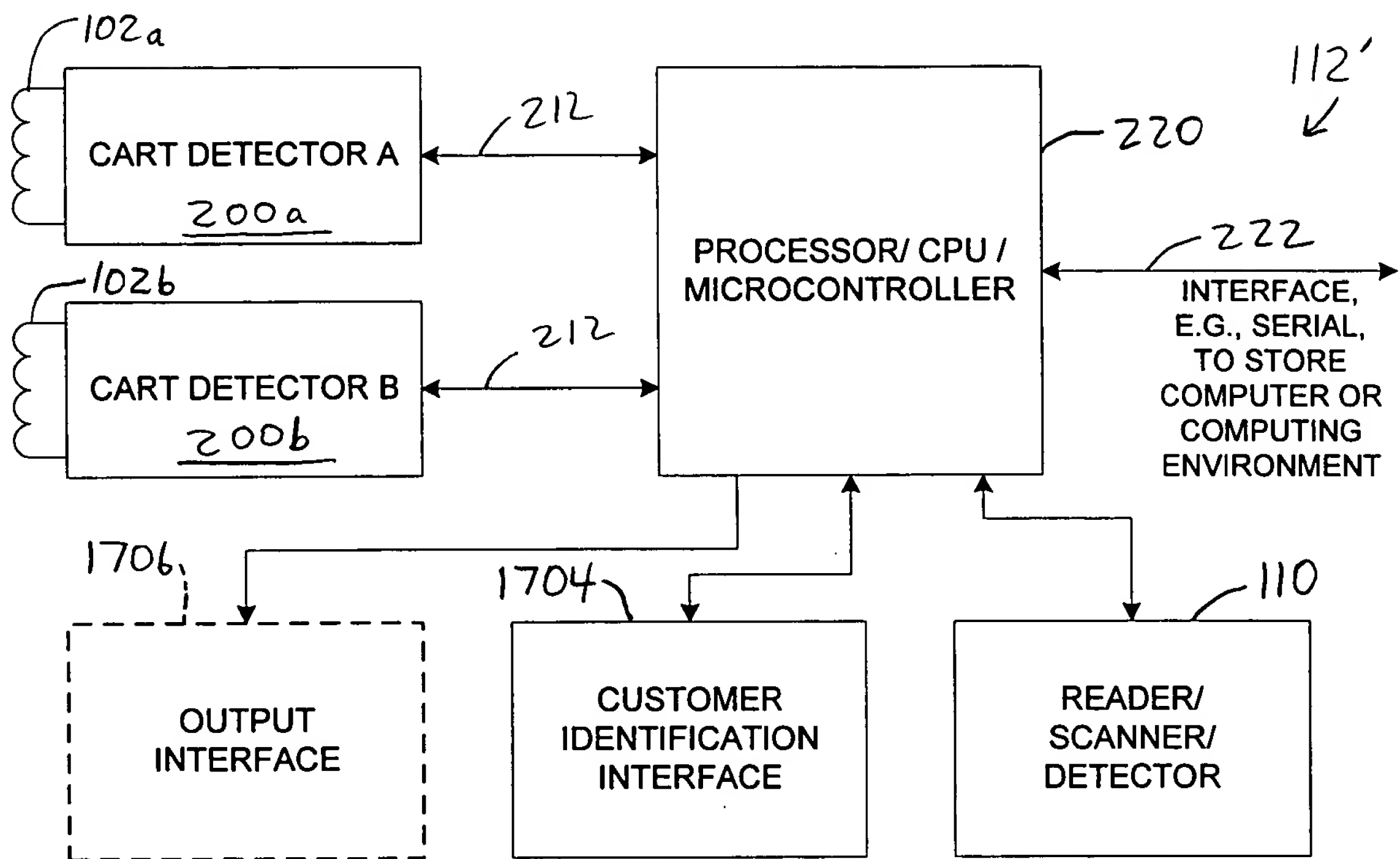


FIG. 22

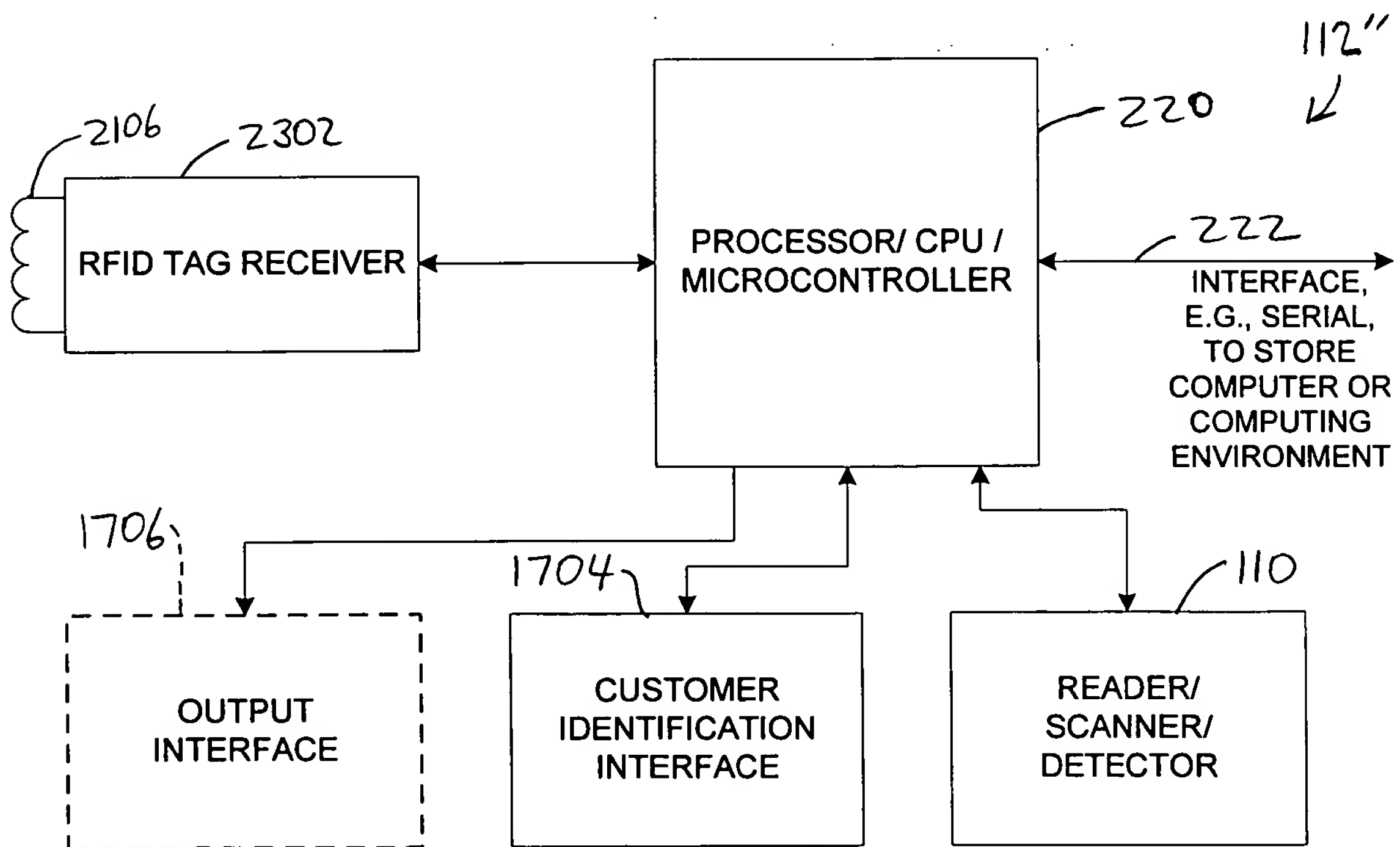


FIG. 23

CART RETURN DETECTION

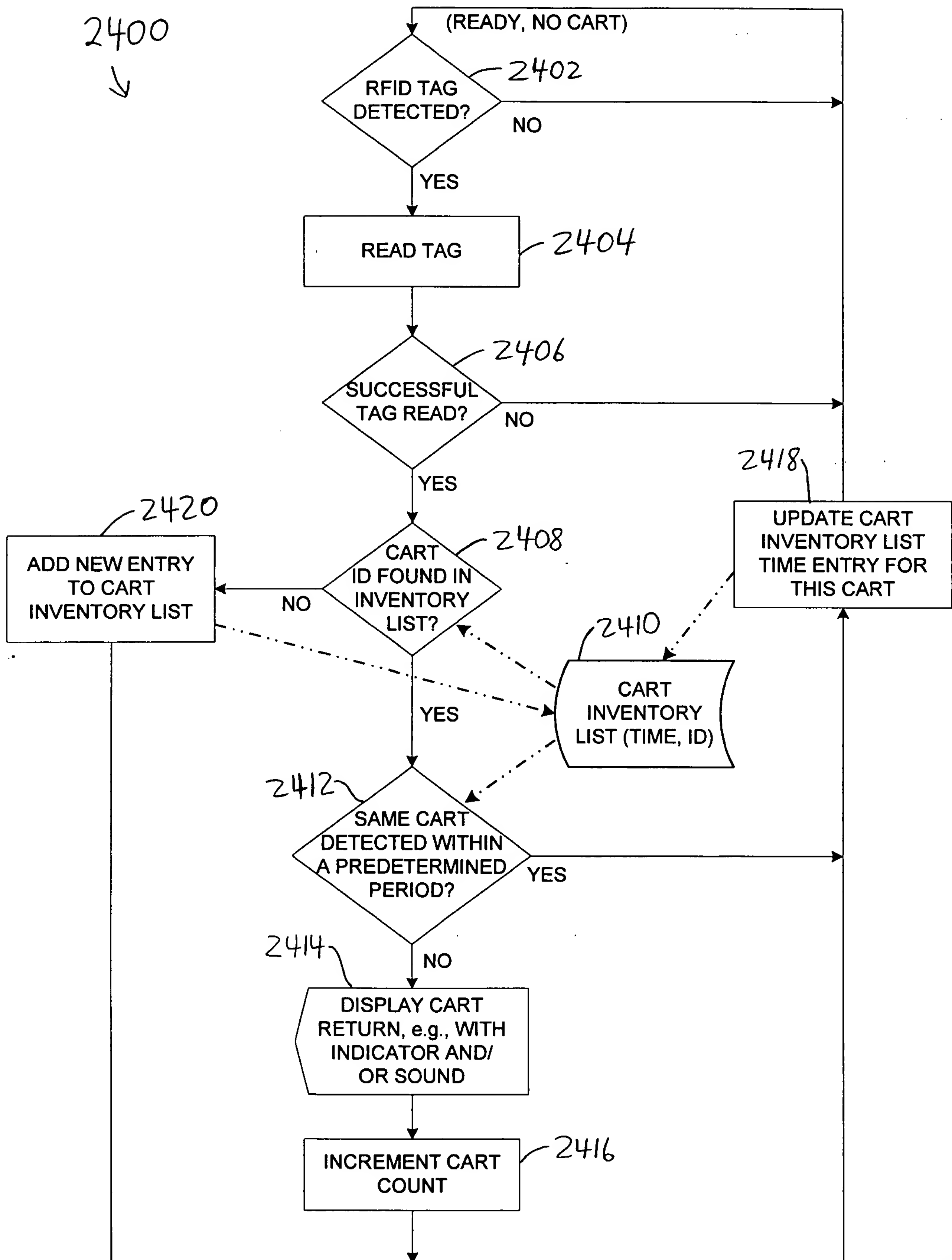


FIG. 24

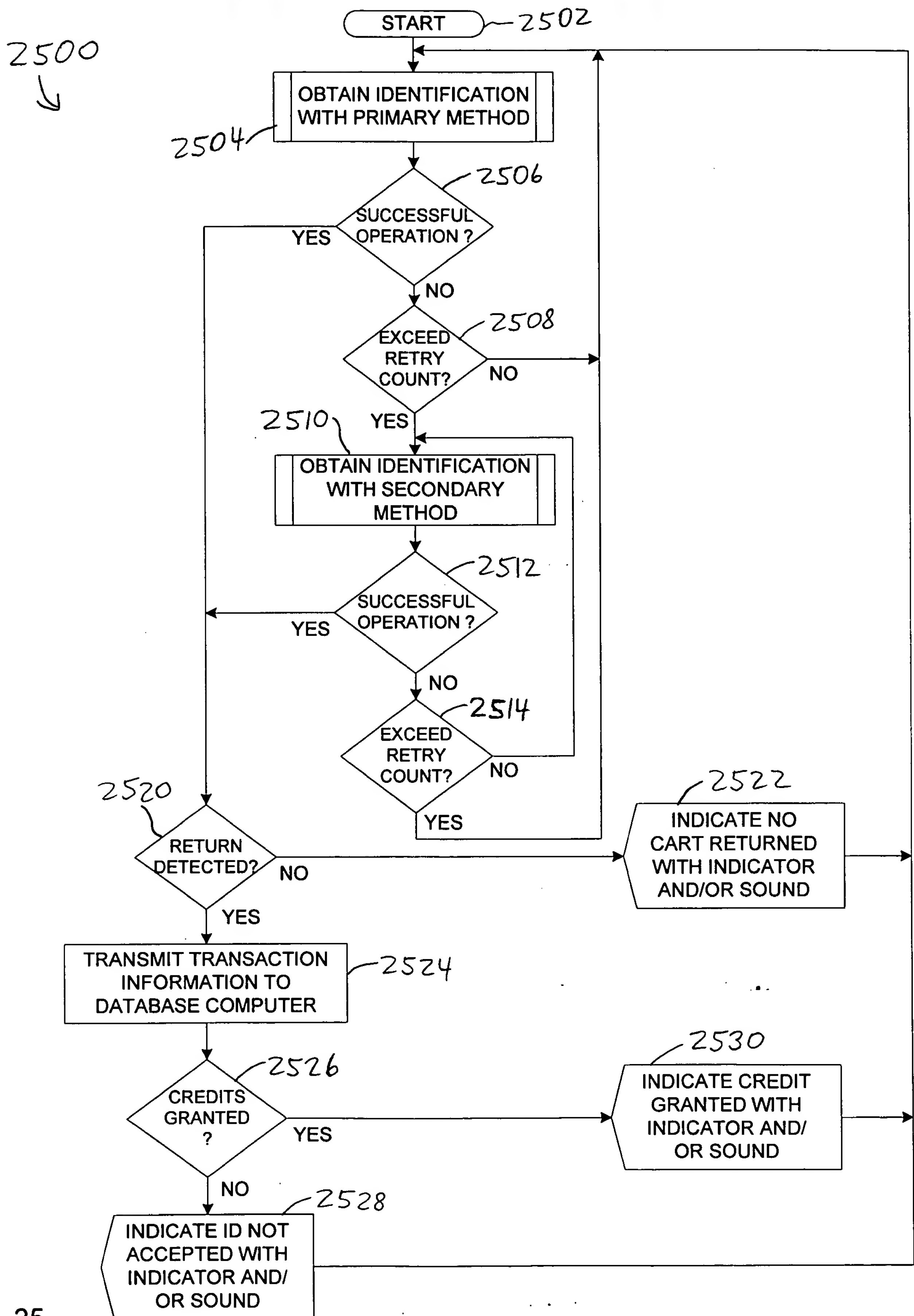


FIG. 25